

PCT/DE 03/03669

A. CLASS IPC 7	F02M55/02 B21C23/08							
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According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED								
Minimum d	ocumentation searched (classification system followed by classification	on symbols)						
IPC 7	F02M B21C							
Documenta	tion searched other than minimum documentation to the extent that s	uch documents are included in the fields se	arched					
Electronic d	data base consulted during the international search (name of data base	se and, where practical, search terms used)					
EPO-In								
C. DOCUMENTS CONSIDERED TO BE RELEVANT								
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.					
Х	DE 39 36 432 A (WEBER SRL) 13 June 1990 (1990-06-13) column 2, line 28 -column 3, line figures	1,2						
X	US 4 570 602 A (ATKINS TERRANCE J 18 February 1986 (1986-02-18) column 2, line 37 - line 39; figu	1,2						
X	US 4 979 295 A (LOLLI MASSIMO ET 25 December 1990 (1990-12-25) column 2, line 4 - line 26; figur	1						
<u> </u>	ner documents are listed in the continuation of box C.	χ Patent family members are listed in	n annex.					
A document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the International filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "8" document member of the same patent family						
Date of the a	actual completion of the international search	Date of mailing of the international sear	rch report					
7	April 2004	19/04/2004						
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax. (+31-70) 340-3016		Authorized officer Torle, E						



Information on patent family members

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